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#14

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/771,209B

DATE: 04/21/2003 P.6

TIME: 15:26:47

Input Set : A:\38586-B.txt

Output Set: N:\CRF4\04212003\I771209B.raw

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3 <110> APPLICANT: Buck, Linda B
4      Axel, Richard
6 <120> TITLE OF INVENTION: Odorant Receptors and Uses Thereof
8 <130> FILE REFERENCE: 38586-B
10 <140> CURRENT APPLICATION NUMBER: US 09/771,209B
11 <141> CURRENT FILING DATE: 2001-01-26
13 <150> PRIOR APPLICATION NUMBER: US 08/129,079
14 <151> PRIOR FILING DATE: 1993-10-05
16 <160> NUMBER OF SEQ ID NOS: 98
18 <170> SOFTWARE: PatentIn version 3.1
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21 <211> LENGTH: 954
22 <212> TYPE: DNA
23 <213> ORGANISM: Rattus sp.
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30 cttgggaacc tgcttatcat tatggccatc atcacacagt ctcatattgca tacacccatg      180
32 tactttttcc ttgctaacct atcctttgtg gacatctgtt tcacctccac caccatccca      240
34 aagatgttg taaatatata caccagagc aagagcatca cctatgaaga ctgtattagc      300
36 cagatgtgtg tcttcttggt ttctgcagaa ttgggcaact ttctcctggc tgtgatggcc      360
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40 ctctgtatcc tgctgcttct gctgtcctgg gttatcagca ttttccatgc cttcatacag      480
42 agcttaattg tgcatacagt gaccttctgt ggagatgtga aaatccctca cttcttctgt      540
44 gaacttaatc agctgtccca actcacctgt tcagacaact ttccaagtca cctcataatg      600
46 aatcttgtac ctgttatgtt ggcagccatt tccttcagtg gcatccttta ctcttatttc      660
48 aagatagtat cctccataca ttctatctcc acagttcagg ggaagtacaa ggcattttct      720
50 acttggtgct ctacaccttc cattgtctcc ttattttata gtacaggcct cggagtgtac      780
52 gtcagttctg ctgtggtcca aagctcacat tctgtgcaa gtgcttcggt catgtatact      840
54 gtggtcaccc ccatgctgaa ccccttcatt tatagtctaa ggaataaaga tgtgaagaga      900
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60 <212> TYPE: DNA
61 <213> ORGANISM: Rattus sp.
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65 aaagacctac aacccttat ttatggtctt tttctctcta tgtacctggt tactgtcatt      120
67 ggaaacatat ccattattgt ggctatcatt tcagatccct gtctgcacac ccccatgtat      180
69 ttcttctctc ctaacctgtc ctttgtggac atctgtttca tttcaaccac tgttccaaag      240
71 atgttagtga acatccagac ccaaacaat gtcacacct atgcaggatg cattaccag      300
73 atatactttt tcttgcctct tgtagaattg gacaacttct tgctgactat catggcctat      360
75 gaccgttacg tagccatctg tcaccccatg cactacacag ttatcatgaa ctacaagctc      420

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79 tgtggatttc tggttctggt atcttggatt gtaagtgttc tgcattgcctt gtttcaaagc 480
81 ttgatgatgt tggcgctgcc cttctgcaca catctggaaa tcccacacta cttctgtgaa 540
83 cctaatacagg tgattcaact cacctgttct gatgcatttc ttaatgatct tgtgatatat 600
85 ttacacttg tgctgctggc tactgttcct cttgctggca tcttctattc ttacttcaag 660
87 atagtgtcct ccatatgtgc tataatcgta gttcatggga agtacaaagc attctccacc 720
89 tgtgcatctc acctttcagt cgtgtcttta ttttactgca caggactagg agtgtaacctc 780
91 agttctgctg caaacaacag ctacacaggca agtgccacag cctcagtcac gtacactgta 840
93 gttaccccta tggatgaacc ttttatctat agtcttagga ataaagatgt taagagtgtt 900
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108 cccagcagc agcagctcct cttcctgctc ttctcatca tgtacctggc cactgtcctg 120
110 ggaaacctgc tcatcctcct ggctattggc acagactccc gcctgcacac ccccatgtac 180
112 ttcttctca gtaacctgtc ctttgtggat gtctgcttct cctctaccac tgtccctaaa 240
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116 ctgtattttc tcgctgtgtt tggtaacatg gacaatttcc tgtctggctgt gatgtcctat 360
118 gaccgatttg tggccatatt ccaccttta cactacacaa caaagatgac ccgtcagctc 420
120 tgtgtcctgc ttgttgtggg gtcattgggt gtagccaaca tgaattgtct gttgcacata 480
122 ctgtcctatg ctgcactctc cttctgtgca gacaacatga tccccactt cttctgtgat 540
124 ggaactcccc tctgaaact ctctgtcga gacacacatc tcaatgagct gatgattctt 600
126 acagagggag ctgtggtcat ggtcacccca tttgtctgca tctcatctc ctacatccac 660
128 atcacctgtg ctgtcctcag agtctcatcc cccaggggag gatggaaatc cttctccacc 720
130 tgtggtccc acctggctgt ggtctgcctc ttctatggca ccgtcatcgc tgtgtatttc 780
132 aacctcatc cctctcactt agctgggagg gacatggcag ctgcagtgat gtatgcagt 840
134 gtgaccccaa tctgaaccc ttctatctat agcctgagga acagcgacat gaaagcagct 900
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140 <211> LENGTH: 936
141 <212> TYPE: DNA
142 <213> ORGANISM: Rattus sp.
144 <400> SEQUENCE: 4
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147 ccagggccaa ggagcatgcg cattgggctc ttctgcttt tctgggtcat gtatctgctt 120
149 acggtagtgt gaaacctagc catcatctcc ctggtaggtg cccacagatg cctacagaca 180
151 ccatgtact tcttctctg caacctctcc ttctggaga tctggttcac cacagcctgc 240
153 gtacccaaga ccttggccac atttgccct cggggtggag tcatttctt ggctggctgt 300
155 gccacacaga tgtactttgt cttttctttg ggctgtacc agtacttct gctggctgtg 360
157 atggcttatg accgtacct ggccatctgc ctgccaactgc gctatgggtg catcatgact 420
159 cctgggctgg cgatgcggtt ggccctggga tcttggctgt gtgggttttc tgcaatcaca 480
161 gttcctgcta cctcattgc ccgctctct ttctgtggct cactgtcat caaccacttc 540
163 ttctgtgaca ttctgcctg gatagtgtt tcttgcacc acacgcaggt ggtggaactg 600
165 gtgtcctttg gcatgcctt ctgtgttatt ctgggctcgt gtggtatcac actagtctcc 660
167 tatgcttaca tcatcactac catcatcaag attcctctg cccggggccg gcaccgcgc 720
169 ttctcaacct gctcatccca tctcactgtg gtgtgtattt ggtatggctc caccatcttc 780

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171 ttgcatgtga ggacctcggt agagagctcc ttggacctca ccaaagctat cacagtgtc 840
173 aacaccattg tcacacctgt gctgaaccct ttcatatata ctctgaggaa caaggatgtc 900
175 aaggaagctc tgcgcaggac ggtgaagggg aagtga 936
178 <210> SEQ ID NO: 5
179 <211> LENGTH: 939
180 <212> TYPE: DNA
181 <213> ORGANISM: Rattus sp.
183 <400> SEQUENCE: 5
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188 ggaaacctgc taatcattgt ccttggttca ctggactctc atctccacat gcccatgtac 180
190 ttgtttctca gcaacttgct cttctctgac ctctgctttt cctctgtcac aatgcccata 240
192 ttgcttcaga acatgcagag ccaagtacca tctatatcct atacaggctg cctgacacag 300
194 ctgtacttct ttatgggtttt tggagatatg gagagcttcc ttcttgggtt catggcctat 360
196 gaccgctatg tggccatttg ctttcccttg cgttacacca ccatcatgag caccaagttc 420
198 tgtgcttcac tagtgctact tctgtggatg ctgacgatga cccatgccct gctgcatacc 480
200 ctactcattg ctgattgtgc tttttgtgag aagaatgtga ttcttcaact tttctgtgac 540
202 atttctgtc tctgaagtt gtctgtctca gacatttatg ttaatgagct gatgatatat 600
204 atcttgggtg gactcatcat tattatccca ttctatttaa ttgttatgtc ctatgttaga 660
206 attttcttct ccattttgaa gtttccatct attcaggaca tctacaaggt attctcaacc 720
208 tgtggttccc atctgtctgt ggtgaccttg ttttatggga caatttttgg tatctactta 780
210 tgtccatcag gtaataattc tactgtgaag gagattgcca tggctatgat gtacacagtg 840
212 gtgactccca tgctgaatcc ctcatctac agcctgagga acagagacat gaaaagggcc 900
214 ctaataagag ttatctgcac taagaaaatc tctctgtaa 939
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227 gggaacctca tcatcatcat cctcattcac ctggactccc atctccacac acccatgtac 180
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231 ttgttgcaga acatgcagag ccaagttcca tccatccctt ttgcaggctg cctgacacaa 300
233 ttatactttt acctgtattt tgcagacctt gagagcttcc tgcttgggtc catggcctat 360
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243 gtcattggag ggcttgttat tgtcattcca tttgtgctca tcattgtatc ttatgcacga 660
245 gttgtgcctt ccattcttaa agtcccttct gtccgaggca tccacaagat cttctccacc 720
247 tgcggctccc atctgtctgt ggtgtcactg ttctatggga caatcattgg tctctactta 780
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251 gtgaccccca tgctgaacct cttcatctac agcctgagga acagagacat gaaagaggca 900
253 ctgataagag tcttttgtaa aaagaaaatt accttctgtc tatga 945
256 <210> SEQ ID NO: 7
257 <211> LENGTH: 933
258 <212> TYPE: DNA
259 <213> ORGANISM: Rattus sp.

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261 &lt;400&gt; SEQUENCE: 7

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266 ttgctaataca ttgtacttgt tcaactggac tcccagctcc acacacctat gtatttgttt      180
268 ctcagcaatt tgtctttctc tgatctatgt ttttcctctg tcacaatgcc caagctgctg      240
270 cagaacatga ggagccagga cacatccatt ccctatggag gctgcctggc acaaacatac      300
272 ttcttttatgg tttttggaga tatggagagt ttccctcttg tggccatggc ctatgaccgc      360
274 tatgtggcca tctgcttccc tctgcattac accagcatca tgagcccaa gctctgtaac      420
276 tgtctagtgc tgttatttgt gatgctgacg acatcccatg ccatgatgca cacactgctt      480
278 gcagcaagat tgtctttttg tgagaacaat gtggtcctca acttcttctg tgacctattt      540
280 gttctcctaa agctggcctg ctcagacact tatattaatg agttgatgat atttatcatg      600
282 agtacactcc tcattattat tccattcttc ctcattgtta tgtcctatgc aaggatcata      660
284 tcctctattc ttaaggttcc atctacccaa ggcattctga aggtcttctc tacctgtggt      720
286 tcccatctgt ctgtagtata actgttctat gggacaatta ttggtctcta cttatgtcca      780
288 gcaggtaata attccactgt aaaaagagatg gtcattggcca tgatgtacac tgtggtgacc      840
290 cccatgctga atcccttcat ctacagccta aggaatatag atatgaagag ggccctaata      900
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295 &lt;210&gt; SEQ ID NO: 8

296 &lt;211&gt; LENGTH: 984

297 &lt;212&gt; TYPE: DNA

298 &lt;213&gt; ORGANISM: Rattus sp.

300 &lt;400&gt; SEQUENCE: 8

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303 cctgccccac tgcgagtact actatttttc cttctctctc tggactatgt gttggtgttg      120
305 actgaaaaca tgcctcatcat tatagcaatt aggaaccacc caaccctcca caaaccatg      180
307 tattttttct tggctaatat gtcattttct gagatttggt atgtcaactgt tacgattcct      240
309 aagatgctcg ctggcttcat tggttccaag gagaaccatg gacagctgat ctcccttgag      300
311 gcatgcatga cacaactcta ctttttctct ggcttgggtt gcacagagtg tgtccttctt      360
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315 gtcagtagcc ggctatgtgt gcagatggca gctggatcct gggctggagg ttttggatc      480
317 tccatggtta aagttttcct tattttctgc ctgtcttact gtggcccaa caccatcaac      540
319 cactttttct gtgatgtgtc tccattgtct aacctgtcat gcaactgacat gtccacagca      600
321 gagcttacag actttgtcct ggccattttt attctgctgg gaccgctctc tgtcaactgg      660
323 gcatcctaca tggccatcac aggtgctgtg atgcgcaccc cctcagctgc tggccgccat      720
325 aaagcctttt caacctgtgc ctcccacctc actggttgta tcatcttcta tgcagccagt      780
327 attttcatct atgccaggcc taaggcactc tcagcttttg acaccaacaa gctggtctct      840
329 gtactctacg ctgtcattgt accgttggtc aatcccatca tctactgctt gcgcaaccaa      900
331 gatgtcaaaa gagcgtacg tcgcacgctg cacctggccc aggaccagga ggccaatacc      960
333 aacaaaggca gcaaaattgg ttag                                     984

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337 &lt;211&gt; LENGTH: 939

338 &lt;212&gt; TYPE: DNA

339 &lt;213&gt; ORGANISM: Rattus sp.

341 &lt;400&gt; SEQUENCE: 9

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344 caccagcaac tgttctttgc cctgttctct atcatgtacc tcaccacctt tctgggaaac      120
346 ctgctaattg ttgtccttgt tcaactggac tctcatctcc acacaccat gtacttgttt      180
348 ctcagcaact tgtccttctc tgatctctgc ttttcctctg ttacaatgct gaaattgctg      240
350 caaatatac agagccaagt accatctata tctatgcag gatgcctgac acagatatcc      300

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356 tgtctcctgc tggatttttg gataatgaca tcatctcatg ccattgatgca caccctgctt 480
358 gcagcaagat tgtctttttg tgagaacaat gtactcctca actttttctg tgacctgttt 540
360 gttctcctaa agttggcctg ctcagacact tatgttaatg agttgatgat acatatcatg 600
362 ggctgatca tcattgttat tccattcgtg ctcattgtta tatcctatgc caagatcatc 660
364 tctccattc ttaaggttcc atctactcaa agcattcaca aggtcttctc cacttgtggt 720
366 tctcatctct ctgtggtgct tctgttctac gggacaatta ttggtctcta tttatgtcca 780
368 tcaggtgata attttagtct aaaggggtct gccatggcta tgatgtacac agtggttaact 840
370 ccaatgctga acccgttcat ctacagccta agaaacagag acatgaagca ggccctaata 900
372 agagttacct gtagcaagaa aatctctctg ccattggtag 939

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375 &lt;210&gt; SEQ ID NO: 10

376 &lt;211&gt; LENGTH: 945

377 &lt;212&gt; TYPE: DNA

378 &lt;213&gt; ORGANISM: Rattus sp.

380 &lt;400&gt; SEQUENCE: 10

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385 gggaacctca tcatcatcat cctcattcta ctggactccc atctccacac acccatgtac 180
387 ttgtttctca gcaatttatc ctttgccgac ctctgttttt cctctgtcac aatgcccaag 240
389 ttgttgacga acatgcagag ccaagttcca tccatcccc atgcagggtg cctggcacag 300
391 atatacttct ttctgttttt tggagacctt ggaaacttcc tgcttgtggc catggcctat 360
393 gaccgctatg tggccatctg cttccccctt cattacatga gcatcatgag cccaagctc 420
395 tgtgtgagtc tgggtgtgct gtccctgggtg ctgactacct tccatgccat gctgcacacc 480
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403 attgtttcct ccattctcaa ggtcccttct tctcaaagca tccataaagc cttctccacc 720
405 tgtggctccc acctgtctgt ggtgtcactg ttctatggga cagtcatggg tctctactta 780
407 tgtccttcag ctaataactc cactgtgaag gagactgtca tgtctttgat gtacacaatg 840
409 gtgacacca tgctgaaccc cttcatctac agcctaagaa acagagacat aaaagatgca 900
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414 &lt;210&gt; SEQ ID NO: 11

415 &lt;211&gt; LENGTH: 645

416 &lt;212&gt; TYPE: DNA

417 &lt;213&gt; ORGANISM: Rattus sp.

419 &lt;220&gt; FEATURE:

420 &lt;221&gt; NAME/KEY: misc\_feature

421 &lt;222&gt; LOCATION: (440)..(441)

422 &lt;223&gt; OTHER INFORMATION: n = unknown

425 &lt;400&gt; SEQUENCE: 11

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428 gtcatcacct atgcagactg catcacccag atgtgctttt ttatactctt tgtagtgttg 120
430 gacagcttac tctgactgt gatggcctat gaccggttg tggccatctg tcacccctg 180
432 cactacacag tcattatgag ctcttggtc tgtggactgc tggttctggt gtcttgatc 240
434 gtgagcatcc tatattctct gttacaaagc ataatggcat tgcagctgtc cttctgtaca 300
436 gaactgaaaa tccctcaatt tttctgtgaa cttatcagg tcatccacct tgcctgttcc 360
438 gacactttta ttaatgacat gatgatgaat tttaacagtg tgctgctggg tgggggatgc 420
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/771,209B

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Input Set : A:\38586-B.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; N Pos. 440,441  
Seq#:12; Xaa Pos. 147  
Seq#:13; N Pos. 182,205,206,207,208,209,210,211,212,213,214,215,216,217,218  
Seq#:13; N Pos. 219,220,221,222,223,224,225,226,227,228,229,230,231,232,233  
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Seq#:13; N Pos. 264,265,266,267,268,269,270,271,272,273,274,275,276,277,278  
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Seq#:13; N Pos. 354,355,356,357,358,359,360,361,362,363,364,365,366,367,368  
Seq#:13; N Pos. 369,370,371,372,373,374,375,376,377,378,379,380,381,382,383  
Seq#:13; N Pos. 384,385,386,387,388,389,390,391,392,393,394,395,396,397,398  
Seq#:13; N Pos. 399,400,401,402,403,404,405,406,407,408,409,410,411,412,413  
Seq#:13; N Pos. 414,415,416,417,418,419,420,421,422,423,424,425,426,427,428  
Seq#:13; N Pos. 494,495  
Seq#:14; Xaa Pos. 61,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85  
Seq#:14; Xaa Pos. 86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103  
Seq#:14; Xaa Pos. 104,105,106,107,108,109,110,111,112,113,114,115,116,117  
Seq#:14; Xaa Pos. 118,119,120,121,122,123,124,125,126,127,128,129,130,131  
Seq#:14; Xaa Pos. 132,133,134,135,136,137,138,139,140,165  
Seq#:21; N Pos. 270,271,272,273,274  
Seq#:22; Xaa Pos. 90,91  
Seq#:23; N Pos. 1,236,237,238,239,240,241,242,243,244,245,246,247,248,249  
Seq#:23; N Pos. 250,251,252,253,254,255,256,257,258,259,260,261,262,263,264  
Seq#:23; N Pos. 265,266,267,268,269,270,271,272,273,274,275,276,277,278,279  
Seq#:23; N Pos. 280,281,282,283,284,285,286,287,288,289,290,291,292,293,294  
Seq#:23; N Pos. 295,296,297,298,299,300,301,302,303,304,305,306,307,308,309  
Seq#:23; N Pos. 310,311,312,313,314,315,316,317,318,319,320,321,322,323,324  
Seq#:23; N Pos. 325,326,327,328,329,330,331,332,333,334,335,336,337,338,339  
Seq#:23; N Pos. 340,341,342,343,344,345,346,347,348,349,350,351,352,353,354  
Seq#:23; N Pos. 355,356,357,358,359,360,361,362,363,364,365,366,367,368,369  
Seq#:23; N Pos. 370,371,372,373,374,375,376,377,378,379,380,381,382,383,384  
Seq#:23; N Pos. 385,386,387,388,389,390,391,392,393,394,395,396,397,398,399  
Seq#:23; N Pos. 400,401,402  
Seq#:24; Xaa Pos. 79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97  
Seq#:24; Xaa Pos. 98,99,100,101,102,103,104,105,106,107,108,109,110,111,112  
Seq#:24; Xaa Pos. 113,114,115,116,117,118,119,120,121,122,123,124,125,126  
Seq#:24; Xaa Pos. 127,128,129,130,131,132,133,134  
Seq#:25; N Pos. 236,237,238,239,240,241,242,243,244,245,246,247,248,249,250  
Seq#:25; N Pos. 251,252,253,254,255,256,257,258,259,260,261,262,263,264,265  
Seq#:25; N Pos. 266,267,268,269,270,271,272,273,274,275,276,277,278,279,280

**RAW SEQUENCE LISTING ERROR SUMMARY**  
PATENT APPLICATION: US/09/771,209B

DATE: 04/21/2003  
TIME: 15:26:48

Input Set : A:\38586-B.txt  
Output Set: N:\CRF4\04212003\I771209B.raw

Seq#:25; N Pos. 281,282,283,284,285,286,287,288,289,290,291,292,293,294,295  
Seq#:25; N Pos. 296,297,298,299,300,301,302,303,304,305,306,307,308,309,310  
Seq#:25; N Pos. 311,312,313,314,315,316,317,318,319,320,321,322,323,324,325  
Seq#:25; N Pos. 326,327,328,329,330,331,332,333,334,335,336,337,338,339,340  
Seq#:25; N Pos. 341,342,343,344,345,346,347,348,349,350,351,352,353,354,355  
Seq#:25; N Pos. 356,357,358,359,360,361,362,363,364,365,366,367,368,369,370  
Seq#:25; N Pos. 371,372,373,374,375,376,377,378,379,380,381,382,383,384,385

## VERIFICATION SUMMARY

DATE: 04/21/2003

PATENT APPLICATION: US/09/771,209B

TIME: 15:26:48

Input Set : A:\38586-B.txt

Output Set: N:\CRF4\04212003\I771209B.raw

L:440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:420  
L:498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:144  
L:548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:180  
M:341 Repeated in SeqNo=13  
L:602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:48  
M:341 Repeated in SeqNo=14  
L:922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:240  
L:966 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:80  
L:1004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
M:341 Repeated in SeqNo=23  
L:1056 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:64  
M:341 Repeated in SeqNo=24  
L:1114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:180  
M:341 Repeated in SeqNo=25  
L:1160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:64  
M:341 Repeated in SeqNo=26  
L:1218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:180  
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:48  
L:1372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:120  
L:1412 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:48  
L:1524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:180  
M:341 Repeated in SeqNo=35  
L:1566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:64  
M:341 Repeated in SeqNo=36  
L:1648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:1697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0  
L:1758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0  
L:1801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
L:1862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0  
L:1911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:1948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
L:1997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
L:2040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
L:2089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0  
L:2132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0  
L:2163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0  
L:2224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0  
L:2332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0  
L:2366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0  
L:2400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0  
L:2434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
L:2462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
L:2490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0  
L:2524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
L:2558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0  
L:2580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0  
L:2602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0  
L:2641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0



VERIFICATION SUMMARY

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Input Set : A:\38586-B.txt

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L:2680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0

L:2713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0